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U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

**UTILITY PATENT APPLICATION  
TRANSMITTAL LETTER  
UNDER 37 C.F.R. 1.53(b)**

ATTORNEY DOCKET NO.:  
52494/2202

Assistant Commissioner  
for Patents  
Washington D.C. 20231  
Box Patent Application

Transmitted herewith for filing is the patent application of

Inventor(s): **DUFFY, Hao-Peng Xu; SHAN, Ji-dong; YUAN, Li-ming;  
DUDMAN, Daniel and CALABRO, Anthony**

For : **IDENTIFICATION OF DIFFERENTIALLY METHYLATED  
MULTIPLE DRUG RESISTANCE LOCI**

Enclosed are:

1. **32** sheets of specification, **10** sheets of claims, **1** sheet of abstract .and **21** sheets of Sequence Listing.
2. **12** sheets of drawings.
3. Computer Readable Disk;
4. Statement that the Computer-Readable and Printed Sequence Listings are the Same (37 CFR §1.821(f));
5. Related Application:

The present application claims the benefit, under 35 U.S.C. § 119(e) of U.S. Provisional Application No. 60/108,994 filed on November 18, 1998.

6. The filing fee has been calculated as shown below:

	NUMBER FILED	NUMBER EXTRA*	RATE (\$)	FEE (\$)
BASIC FEE				760.00
TOTAL CLAIMS	111 - 20 =	91	18.00	1,638.00

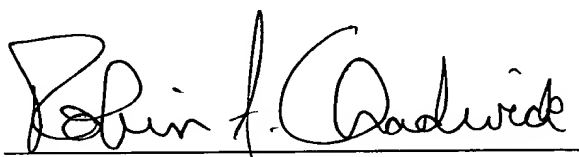
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Express Mail No. EL179103302US

INDEPENDENT CLAIMS	38 - 3 =	35	78.00	2,730.00
MULTIPLE DEPENDENT CLAIM PRESENT			260.00	260.00
*Number extra must be zero or larger			TOTAL	5,388.00
If applicant is a small entity under 37 C.F.R. §§ 1.9 and 1.27, then divide total fee by 2, and enter amount here.			SMALL ENTITY TOTAL	0.00

7. Please charge the required application filing fee of \$ **5,388.00** to the deposit account of **Kenyon & Kenyon**, deposit account number **11-0600**.
8. The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to the deposit account of **Kenyon & Kenyon**, deposit account number **11-0600**:
- A. Any additional filing fees required under 37 C.F.R. § 1.16;
  - B. Any additional patent application processing fees under 37 C.F.R. § 1.17;
  - C. Any additional patent issue fees under 37 C.F.R. § 1.18;
  - D. Any additional document supply fees under 37 C.F.R. § 1.19;
  - E. Any additional post-patent processing fees under 37 C.F.R. § 1.20; or
  - F. Any additional miscellaneous fees under 37 C.F.R. § 1.21.
9. A copy of this sheet is enclosed.

Dated: Nov. 18, 1999

By:   
 Robin A. Chadwick, (Reg. No. 36,477)

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EXPRESS MAIL CERTIFICATE

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DATE OF DEPOSIT November 18, 1999

TYPE OF DOCUMENT Patent Application of Hao-Peng X. DUFFY et al.

SERIAL NO. Not Yet Assigned FILING DATE Herewith

I HEREBY CERTIFY THAT THIS PAPER OR FEE IS BEING DEPOSITED WITH THE UNITED STATES POSTAL SERVICE "EXPRESS MAIL POST OFFICE TO ADDRESSEE" SERVICE UNDER 37 CFR 1.10 ON THE DATE INDICATED ABOVE, BY BEING HANDED TO A POSTAL CLERK OR BY BEING PLACED IN THE EXPRESS MAIL BOX BEFORE THE POSTED DATE OF THE LAST PICK UP, AND IS ADDRESSED TO THE ASSISTANT COMMISSIONER FOR PATENTS, WASHINGTON, D.C. 20231.

MARY C. WERNER  
(TYPED OR PRINTED NAME OF PERSON MAILING PAPER OR FEE)

Mary C. Werner  
(SIGNATURE OF PERSON MAILING PAPER OR FEE)

Title: **IDENTIFICATION OF DIFFERENTIALLY METHYLATED  
MULTIPLE DRUG RESISTANCE LOCI**

LPC - 52494/2202



U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

3690 U.S. PTO  
09/441857  
11/18/99

**STATEMENT THAT THE COMPUTER-  
READABLE AND PRINTED SEQUENCE  
LISTINGS ARE THE SAME  
(37 CFR §1.821(f))**

Docket Number:  
52494/2202

Application Number  
Not Yet Assigned

Filing Date  
HEREWITH

Examiner

Art Unit

Invention Title  
IDENTIFICATION OF DIFFERENTIALLY  
METHYLATED MULTIPLE DRUG RESISTANCE  
LOCI

Inventor(s)  
DUFFY et al.

As required by 37 CFR §1.821(f), I hereby state that the information recorded in computer readable form submitted herewith in accordance with 37 CFR § 1.821(e) is identical to the written substitute sequence listing prepared in accordance with the requirements of 37 CFR § 1.823 and also submitted herewith.

Dated:

Nov. 18, 1999

By:

Robin A. Chadwick

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(Reg. No. 36,477)

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